

Weekly Report

11/22/2015 - 11/29/2015

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1 Summary

This week I mainly focus on the DataScanner project.

2 Projects

2.1 Project 2 - DataScanner Project

I extended the user study and recruited more students to join the experiments. After the user study, a couple of invalid results were abandoned and altogether 30 remains, 15 in each group. I've done the statistical analysis of the results. The average score is 23.4 in the control group and 30 in the tree group. It indicates the categorization tree achieved significantly better performance than the small multiples ($p=0.0033$) The time of completion is 56 minutes versus 44 minutes, which also indicates a significantly better performance of the categorization tree over the small multiples.

This Thursday in the weekly seminar I received many good comments. So far I've added vertical labels of the matrix selector. I will first complete the user study section and case 2. And then make other changes of the system.

3 Paper Reading and Miscellaneous

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4 To Do List

1. DataScanner paper writing.
2. VIS paper idea initialization.